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3rd Edition Asia Smart Campus Summit 2022

Building the next-gen campus towards a new-digital learning ecosystem post pandemic

17th & 18th May 2022 Virtual Conference 9.00 am - 5.00 pm I GMT + 8







Institutional partner



Media Partner



# Day 1

Theme 1: Smart Education

Theme 2: Government's Role

Theme 3: Smart Infrastructure

# Day 2

Theme 4: Automating Workflow

Theme 5: Smart Security

Theme 6: Moving forward with **Technologies** 



Inspiring Speakers



Attendees



Insightful Panel discussions



Virtual Networking Sessions















## **Event Overview**

Since virtual campus have become a norm today, students and employees expect universities to provide a digitally connected smart campus to create supportive and engaging experiences that joins people, devices, applications and allows universities to make insight-driven decisions to improve security and maximize resources. Moving forward, smart campuses are capable of providing efficient technology and infrastructure in providing services to support and improve the teaching process, research, student experience and overall learning experience to overcome disruptions in a post-pandemic setting globally.

This conference brings together education industry with campus intelligence experts in a virtual setting at Hopin platform encouraging discussions & virtual networking among professionals across Malaysia and other countries globally. Attendees will gain insights on the importance to embark into digital transformation to enhance the overall campus system today for industry sustainability in the long run.

# Who Should Attend?

This summit has been specifically designed for, without limiting to: -

- Vice Chancellors
- Principals
- Deans
- ▶ Curriculum
- ▶ e-Learning & Smart Classroom
- ▶ Infrastructure
- Engineering & Technology

- Environment and Assessment
- Library Services
- Information Services Government Departments & Agencies
- Government departments & Agencies
- Ministries: (MOHE), Ministry of Education (MOE) and more...

# (Divisions)

Planning & Development, Management, Policy & Curriculum

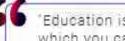
From Facility Management Division, Head of Faculty(Divisions), Head of Departments, Dean, Finance Division, Software Developers, ICT Solutions, Smart Solutions, Head of IT, CISO, Higher education Bodies, Government, Regulatory Bodies and more.

# Topics of Discussion & more...

Why investing in a flexible campus & strategies to manage safety at campus during a pandemic? How does advanced analytics and technologies help to collect more data to improve decision-making? How does automating workflow help in smart monitoring? The role of government and funding to develop smart campus? Ways to develop partnership between telecommunications and education sectors in strengthening learning experience? Ways to optimize data access with robust system to minimize cyber intrusion risk?

The people who are crazy enough to think they can change the world are the ones who do"

Steve Jobs, co-Founder of Apple Inc.



Education is the most powerful weapon which you can use to change the world "

Neison Mandela



# Featured Speakers



YBHG.DATIN SRI HAJAH NOR ZAMANI BINTI ABDOL HAMID
Malaysia Education Director - General Ministry
of Education (MOE), Malaysia



ASSOCIATE PROFESSOR
DR MUHAMMAD FAIZAL A.GHANI
Department of Educational Management,
Administration & Policy - Faculty of Education
Universiti Malaya, Malaysia



DR AMIRRUDIN BIN KAMSIN
Department of Computer System &
Technology - Faculty of Computer Science & IT
Universiti Malaya, Melaysia



NURHIZAM SAFIE BIN MOHD SATAR PhD., P.Tech (IT) Deputy Dean (Networking & Alumni) - Faculty of Information Science & Technology Universiti Kebangsaan Malaysia, Malaysia



DR. LIM SOK MUI, MAY Associate Professor Director - Centre for Learning Environment and Assessment Development (CoLEAD) Singapore Institute of Technology, Singapore



CARLOS OCHOA
Chapter President Madrid & Chair Education
Committee VR/AR Association (VRARA), Spain



EKO SAKAPURNAMA MBA Deputy Director for Academic and Government Partnership University of Indonesia, Indonesia



PROFESSOR CHRISTINA HONG President at Technological and Higher Education Institute (THEI), Hong Kong



PROFESSOR DR.FAUZIAH ABDUL RAHIM Professor from the School of Education University Utara Malaysia, Malaysia



JEREMY KONG
Deputy Chairman for Campus Sustainability
Committee Republic Polytechnic, Singapore



CLIFF ASHFORD
Director, Academic and Data Technologies Services
Monash University, Australia

# 3<sup>rd</sup> EDITION ASIA SMART CAMPUS SUMMIT 2022 Virtual Conference | 17th & 18th May 2022



# Day One Outline

8:40 am Re	gistration
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8:45 am Welcome & Introduction by 3novex Asia

8:50 am Opening Address by Ministry of Education (MOE / MOHE)

#### VIRTUAL CAMPUS (Keynote Speaker) 9:10 am

Remote education and Online learning effectiveness

Strategies to drive student performance on-off campus to ensure engagement
 ICT for distance learning & further initiatives

# 9:40 am TACKLING MANAGEMENT CONCERNS (DIAMOND PARTNER)

Effectiveness in students e-application process?

Talent development & recruit for organization

Other cost saving strategies

### 10:10 am TRANSFORMING THREATS INTO OPPORTUNITIES IN THE VUCA WORLD.

Turning threats into opportunities

. Top challenges during Covid -19: Enrollment, Absences, Lack of engagement

Hot trends of smart campus in South East Asia

### NURHIZAM SAFIE BIN MOHD SATAR Phd., P. Tech (17)

Deputy Dean (Networking & Alumni) - Faculty of Information Science & Technology Universiti Kebangsaan Malaysia, Malaysia



### 10:40 am AdventureLEARN: THE USE OF A GAMIFICATION PLATFORM TO DEVELOP FRESHMEN'S LEARNING TRAITS

Importance of supporting freshmen transition to university

Application of gamification principles to help students engage in developing traits

· Connecting learners through team challenges

### DR. LIM SOK MUI, MAY Associate Professor

Director - Centre for Learning Environment and Assessment Development (CoLEAD) Singapore Institute of Technology, Singapore



# 11:15 am Coffee Break & Networking 🗇 🖏

# 11:30 am BLUEPRINT - BUILDING THE BLOCKS TOGETHER

Action plan by Ministry of Education
Funding and & ways to utilize

· Strategies to help campuses embark into digital transformation in education

### 12:00 pm TELECOMMUNICATION FIRMS - HELP IN SHIFT TO ONLINE LEARNING AND TEACHING

How to ensure good internet connection for e-learning & teaching?

Ways to develop partnership between telco and education sectors in strengthening learning experience?

Further initiatives by government to provide rebate for telco service for campuses

### 12:30 pm IoT BASED SOLUTION FOR FACILITY MANAGEMENT (FM)

Ways to get the most out of the smart sensors and predictable algorithms

Plans to manage Covid-19 outbreak to ensure safety in managing outdoor campus

Get a look into predictive maintenance, cleaning & security management

# 1:00 pm Lunch Break 101

#### CAMPUS OF THE FUTURE WITH DIGITALIZED FACILITY MANAGEMENT (PLATINUM PARTNER) 2:00 pm

Institution strategies to reduce cost

Ways to improve campus experience & achieve 5-star QS rating for Online learning

. Institution willingness to invest in training to fill up skills gap for FM teams

# 2:30 pm ARCHITECTURE & GOVERNANCE OF SMART CAMPUS INITIATIVE BY MONASH UNIVERSITY, AUSTRALIA (Keynote Speaker)

Challenges with buildings built in 70s and 80s today

Strategies to develop smart campus cost-effectively

How to tap into existing network to get data for cost-saving smart Campus?

### CLIFF ASHFORD

Director, Academic and Data Technologies Services Monash University, Australia









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# Day One Outline (Cont'd)

## 3:20 pm TECH -TALK: SMARTER SPACE UTILIZATION (Panel 1)

Using building usage and performance data to optimize operations

- · Public and Private universities to implement space utilization studies to use existing space effectively
- Monitor the amount of energy consumed across the campus effectively and in other areas

### 4:00 pm DRIVING WASTE OUT OF FACILITY OPERATIONS

Ways to reduce energy usage and save on maintenance costs through better capital planning
 Benefits of smart building data and analytics software

Predictive analytics to anticipate when major repairs or replacements will be needed

#### ENTREPRENEURIAL UNIVERSITY AS A NEW PARADIGM IN POST COVID-19 ERA 4:30 pm

- The transformation from Humboldt University to Third Generation University paradigm -Entrepreneurial University
- Key features of Entrepreneurial University (EU)
- Case study and example of EU

### EKO SAKAPURNAMA M8A

Deputy Director for Academic and Government Partnership

University of Indonesia, Indonesia

5:00 pm End of Day 1 & Networking



## 8:50 am Overview by Moderator

#### 9:00 am CLOUD-BASED STUDENT MANAGEMENT SYSTEM - CASE STUDY

- How to manage safety at campus during pandemic?
- Tracking system to detect students down with Covid-19
- Ongoing initiatives to leverage technologies as chatbots and Al for e-learning

# 9:30 am BRINGING SMART MOBILITY TO APAC REGION

- · Benefits of automated vehicles in driving campus smarter
- How can smart vehicles help to add value to the environment?
- Cloud-based automated parking system

## 10:00 am TECHNOLOGIES DEVELOPMENT FOR CAMPUS OPERATIONS (GOLD PARTNER)

- · Using autonomous technology for monitoring
- How can technologies help to improve services & decision making?
   Promoting quality in TVET using technology (Malaysia

# 10:30 am Coffee Break & Networking



## 10:45 am GREEN CAMPUS CLUSTER - CASE STUDY

How to ensure sustainability through the efficient use of water, energy and resources

Green initiatives in achieving sustainable campus status

Creating awareness among international students for a better sustainable campus culture

# JEREMY KONG

Deputy Chairman for Campus Sustainability Committee Republic Polytechnic, Singapore

### 11:20 am VIRTUAL GRADUATION CEREMONY WITH AUGMENTED REALITY TECHNOLOGIES

- How campus conducting virtual graduation ceremonies by leveraging technologies amidst pandemic?
- Bring graduation right to living spaces with technology innovation
- Creating a more immersive experience for upcoming graduates and families

# 11:50 am INTELLIGENT SECURITY MANAGEMENT & FRAMEWORK (Keynote Speaker)

- Strategies to prevent data system from hacking by intruders or devices
- Safety tracker for students returning to campus amidst Covid-19
- Al integrated smart camera for surveillance systems





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# Day Two Outline (Cont'd)

## 12:20 pm TECH-TALK - AI FOR IMPROVING CAMPUS CYBERSECURITY (Panel 2)

Al for controlling visual of the building.

- Benefits of Al & Automation to spot cyber threats and possibly malicious activities around campus vicinity
- Al-oriented security tools as an extra line of defense for vulnerability management

Challenges in the online component of blended learning



DR AMIRRUDIN BIN KAMSIN Department of Computer System & Technology - Faculty of Computer Science & IT Universiti Malaya, Malaysia

# 1:00 pm Lunch Break 101

#### 2:10 pm METAVERSE FOR EDUCATION (SILVER PARTNER)

### Coffee Break & Networking 😅 🖏 2:40 pm



### 2:50 pm NEXT- GEN CONNECTED CAMPUS

· Impact on students success and the future of learning

What is the role of the institution in preparing their students for the future of work?

Impact on cybersecurity and data security

## PROFESSOR CHRISTINA HONG

President at Technological and Higher Education Institute (THEI), Hong Kong



### 3:30 pm DATA-DRIVEN SMART CAMPUS FRAMEWORK

Benefits of AR VR for education.

Controlling temperature, humidity rates in the classes at an optimum level

Cloud-system to store data and sensors to detect pollution

## CARLOS OCHOA

Chapter President Madrid & Chair Education Committee VR/AR Association (VRARA), Spain



### 4:00 pm DEVELOPING A SMART CLASSROOM PROTOTYPE (Panel 3)

- How to design classrooms that make better use of faculty & students time?
- Building a learning environment that anticipates and automates common classroom tasks

Smart solution to create smart classroom

 Importance of enabling technologies for Industry 4.0 in the goal of building as mart campus



## PROFESSOR DR.FAUZIAH ABDUL RAHIM

Professor from the School of Education University Utara Malaysia, Malaysia

5:00 pm End of Day 2 & Networking

# 3<sup>rd</sup> EDITION ASIA SMART CAMPUS SUMMIT 2022





# Registration Form

\*Please complete this form and return it digitally by email to info@3novex.com

# Registration Fees

Promo Early Bird Regular Rate O USD 299 O USD 499 till 22rd April 2022 starts from 234 April 2022



Group discount: 10% from 4 to 6 pax | 16% from 7 to 10 pax | 20% from 11 and above pax

Payment Option Bank Transfers | Local Orders | Checks Payment | Online Banking | Credit Card | PayPal

### ATTENDEE DETAILS

Name (Dr/Mr/Mrs/Ms)	Name (Dr/Mr/Mrs/Ms):
Job Title:	Job Title
Emolt	Emolic
Tel / Direct Line:	Tel / Direct Line:
Mobile Phone:	Mobile Phone:
None (Er/Mr/Mrs/Nis)	Name (Dr/Mr/Mrs/Ms)
Job Title	Job Title
Emal.	Email:
Tel / Direct Line	Tel / Direct Line
Mobile Phone:	Mobile Phone:
COMPANY DETAILS	AUTHORISATION
Organisation	Nome.

# Nature of Business **Bank Details**

Address

Postcode:

Country Tel

: 3NOVEX ASIA SDN BHD Account name

: HSBC Amanah Malaysia Berhad

Account Number : 018-371864-701 (USD)

: HMABMYKL Swift code

: 1No.66G, 66-1 Jolan Telawi Bangsar Baru, Bangsar 59100 KL Address







## TERMS AND CONDITION

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- 7. (WPORTANT NOTE: While every responsible affort will be made to adhere to the adjustical package. Thoses reserves the right to change event dates, situs or location or smit quartificatures, or marge the event with whother event, as it begins masssary without penalty size in such situations no refunds, part refunds or alternative offers shall be made, in the event that 3 years permanently cancers the event for any reason inhaticevent, (noticing, but not limited to any force majoure occurrance) and provided that the event is not postcorned to a leter data nor is marged with enother event, the Diant shall receive a credit note for the amount that the Chieft has gold to such permanently canceries event, valid for up to six months to be used for enother Bridges Event.
- 5. GDVERNING LAW. This Agreement shall be governed and construed in accordance with the law of Arabaysta not including its conflict of law's provisions. Any disported entaining from this contract shall be prought before the court of Maleysia. At one distinction, Shower may elect to bring any discute entaining under this contract to the jurisdiction of the codes and which the client's offices are located

